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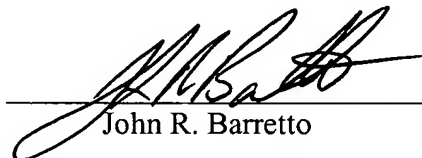
PATENTS
Attorney Docket No. MMO-001.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
Ethridge et al.)	
Application No:)	Art Unit: 2123
10/657,729)	
Filed:)	Confirmation No.: 8912
September 8, 2003)	
For:)	Examiner: Not yet assigned
DETERMINING FIELD-DEPENDENT)	
CHARACTERISTICS BY EMPLOYING)	
HIGH-ORDER QUADRATURES IN)	
THE PRESENCE OF GEOMETRIC)	
SINGULARITIES)	

CERTIFICATE OF MAILING

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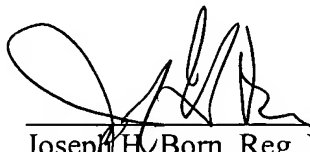
INFORMATION-DISCLOSURE STATEMENT

Applicants hereby bring to the Examiner's attention the references listed on the accompanying form PTO-1449. A copy of each listed reference is enclosed.

To the extent required by 37 C.F.R. §1.98(a)(3), Applicants have described what they consider to be the relevance of any foreign-language reference.

Please charge any additional fee occasioned by this paper to our Deposit Account
No. 06-1448, Reference MMO-001.01.

Respectfully submitted,



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Form PTO-109 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional) MMO-001.01	Application Number 10/657,729
	Applicant Ethrige et al.	
	Filing Date September 8, 2003	Group Art Unit 2123

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	US 6,314,545	November 6, 2001	Kapur et al.	716	5	Nov. 6, 1998
	B	US 6,051,027	April 18, 2000	Kapur et al.	703	5	July 16, 1998
	C	US 6,064,808	May 16, 2000	Kapur et al.	395	500.23	Aug. 1, 1997

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D	International Search Report, International Application Number PCT/US03/28229, dated May 13, 2004, all pages.
E	KOLM, P., et al. "Numerical Quadratures for Singular and Hypersingular Integrals", Comput. Math. Appl. (UK), Computers & Mathematics with Applications, Feb. 2001, XP002280179, ISSN: 0898-1221, Elsevier, U.K., Vol. 41, No. 3-4, pp. 327-352.
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I	DARVE, E., "The Fast Multipole Method: Numerical Implementation", Journal of Computational Physics 160, pp. 195-240 (2000).
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EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449		Docket Number (Optional) MMO-001.01		Application Number 10/657,729	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant Ethridge et al.			
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OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>					
	P	GREENGARD, L. and HUANG, J., "A New Version of the Fast Multipole Method for Screened Coulomb Interactions in Three Dimensions", December 21, 2001, pp. 1-18.			
	Q	WHITE, T.P. et al., "Calculations of Air-Guided Modes in Photonic Crystal Fibers Using the Multipole Method", Optics Express, 17 December 2001, Vol. 9, No. 13, pp. 721-732.			
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	OO				
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	RR				
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